



WAYNE PERRY, INC.
8281 Commonwealth Avenue
Buena Park, California 90621
(714) 826-0352
www.wpinc.com

Log of Boring/Well GP-1

PROJECT: *Shell Service Station*

SURFACE ELEVATION: *Not Measured*

LOCATION: *23387 PACIFIC COAST HWY MALIBU, CA*

TOTAL DEPTH: *8 feet*

BORING DIAMETER: *2/8*

PROJECT NO.: *04 137*

DEPTH TO FIRST SATURATION: *N/A*

DATE BEGAN: *6/24/05*

FINISHED: *7/1/05*

TOP OF WELL CASING ELEVATION: *N/A*

DRILLING COMPANY: *BC2 Environmental Corp*

STATIC GW ELEVATION: *N/A*

DATE: *N/A*

DRILLING METHOD: *Direct Push*

LOGGED BY: *A. Dollemore* CHECKED BY: *D. Henry*

This log is a representation of subsurface conditions at the time and place of drilling. With the passage of time or at any other location there may be consequential changes in conditions.

DEPTH (feet)	Samples	Sample ID	Time	Blow Counts (per 6 inches)	PID/LEL (ppm/%)	Geologic Description	Soil Class	Graphic Log	DEPTH (feet)	Well Diagram
						CONCRETE 6 inches				
						AGGREGATE BASE, 4 inches.				
						Gravelly SAND - fine- to coarse-grained with fine and coarse gravel, brown [7.5yr 4/3], dense, moist; trace silt clay and cobbles;	sp			
5									5	
		GP-1d7	0700 7/1/05	-	-					
						refusal at 8.5 feet. Bottom at 8 feet				
10									10	

Remarks/Notes:






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Log of Boring/Well GP-2

PROJECT: <i>Shell Service Station</i>	SURFACE ELEVATION: <i>Not Measured</i>	
LOCATION: <i>23387 PACIFIC COAST HWY MALIBU, CA</i>	TOTAL DEPTH: <i>8 feet</i>	BORING DIAMETER: <i>2/8</i>
PROJECT NO.: <i>04 137</i>	DEPTH TO FIRST SATURATION: <i>N/A</i>	
DATE BEGAN: <i>6/24/05</i> FINISHED: <i>7/1/05</i>	TOP OF WELL CASING ELEVATION: <i>N/A</i>	
DRILLING COMPANY: <i>BC2 Environmental Corp</i>	STATIC GW ELEVATION: <i>N/A</i>	DATE: <i>N/A</i>
DRILLING METHOD: <i>Direct Push</i>	LOGGED BY: <i>A. Dollemore</i> CHECKED BY: <i>D. Henry</i>	

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DEPTH (feet)	Samples	Sample ID	Time	Blow Counts (per 6 inches)	PID/EL (ppm/%)	Geologic Description	Soil Class	Graphic Log	DEPTH (feet)	Well Diagram
						CONCRETE 6 inches				
						AGGREGATE BASE, 4 inches				
						Gravelly SAND - fine- to coarse-grained, brown [7 5yr 4/>], dense, moist; trace silt and clay; occasional cobbles;	sp			
5									5	
		GP-2d7	0730 7/1/05	-	137.8					
						refusal at 8 feet. Bottom at 8 feet				
10									10	

Remarks/Notes:



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Log of Boring/Well GP-3

PROJECT: <i>Shell Service Station</i>	SURFACE ELEVATION: <i>Not Measured</i>	
LOCATION: <i>23387 PACIFIC COAST HWY MALIBU, CA</i>	TOTAL DEPTH: <i>15 feet</i>	BORING DIAMETER: <i>2 inches</i>
PROJECT NO : <i>04 137</i>	DEPTH TO FIRST SATURATION: <i>10 feet</i>	
DATE BEGAN: <i>6/24/05</i>	FINISHED: <i>6/24/05</i>	TOP OF WELL CASING ELEVATION: <i>N/A</i>
DRILLING COMPANY: <i>BC2 Environmental Corp.</i>	STATIC GW ELEVATION: <i>N/A</i>	DATE: <i>N/A</i>
DRILLING METHOD: <i>Direct Push</i>	LOGGED BY: <i>A. Dollemore</i> CHECKED BY: <i>D. Henry</i>	

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DEPTH (feet)	Samples	Sample ID	Time	Blow Counts (per 6 inches)	PID/LEL (ppm/%)	Geologic Description	Soil Class	Graphic Log	DEPTH (feet)	Well Diagram
0						ASPHALT, 4 inches.			0	
						AGGREGATE BASE, 4 inches.				
						Gravelly SAND - fine- to coarse-grained, brown [7 5yr 4/3], dense, moist; occasional cobbles; trace silt and clay;	sp			
5						no sample at 5 feet due to cobbles;			5	
		GP-3d7	0800		0.0	color change at 6 5 feet to olive brown [2 5y 4/5] no clay;				
10		GP-3d10	0810		0.0	saturated at 10 feet;			10	
		GP-3d15	0820		0.0					
15						no Encore sample at 15 feet due to gravel. Bottom at 15 feet.			15	
20									20	

Remarks/Notes:



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Log of Boring/Well GP-4

PROJECT: <i>Shell Service Station</i>	SURFACE ELEVATION: <i>Not Measured</i>	
LOCATION: <i>23387 PACIFIC COAST HWY MALIBU, CA</i>	TOTAL DEPTH: <i>11 feet</i>	BORING DIAMETER: <i>2 inches</i>
PROJECT NO : <i>04.137</i>	DEPTH TO FIRST SATURATION: <i>9 feet</i>	
DATE BEGAN: <i>6/24/05</i> FINISHED: <i>6/24/05</i>	TOP OF WELL CASING ELEVATION: <i>N/A</i>	
DRILLING COMPANY: <i>BC2 Environmental Corp</i>	STATIC GW ELEVATION: <i>N/A</i>	DATE: <i>N/A</i>
DRILLING METHOD: <i>Direct Push</i>	LOGGED BY: <i>A. Dollemore</i> CHECKED BY: <i>D. Henry</i>	

This log is a representation of subsurface conditions at the time and place of drilling. With the passage of time or at any other location, there may be consequential changes in conditions.

DEPTH (feet)	Samples	Sample I.D.	Time	Blow Counts (per 6 inches)	PID/LEL (ppm/%)	Geologic Description	Soil Class	Graphic Log	DEPTH (feet)	Well Diagram
						ASPHALTIC CONCRETE, 4 inches.				
						AGGREGATE BASE, 4 inches				
						Gravelly SAND - fine- to coarse-grained with fine and coarse gravel, brown [7 5yr 4/3], dense, moist; trace cobbles, silt and clay;	sp			
5									5	
		GP-4d7	0900		0 0	insufficient sample recovery at 7 feet;				
						medium- to coarse-grained olive brown [2 5yr 5/4] very dense saturated; no silty clay;				
10		GP-4d10	0910		0 0	no Encore sample at 10 feet due to gravel			10	
						Bottom at 11 feet				

Remarks/Notes:



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Log of Boring/Well GP-5

PROJECT: <i>Shell Service Station</i>	SURFACE ELEVATION: <i>Not Measured</i>	
LOCATION: <i>23387 PACIFIC COAST HWY MALIBU, CA</i>	TOTAL DEPTH: <i>7 feet</i>	BORING DIAMETER: <i>2 inches</i>
PROJECT NO.: <i>04 137</i>	DEPTH TO FIRST SATURATION: <i>N/A</i>	
DATE BEGAN: <i>6/24/05</i>	FINISHED: <i>6/24/05</i>	TOP OF WELL CASING ELEVATION: <i>N/A</i>
DRILLING COMPANY: <i>BC2 Environmental Corp.</i>	STATIC GW ELEVATION: <i>N/A</i>	DATE: <i>N/A</i>
DRILLING METHOD: <i>Direct Push</i>	LOGGED BY: <i>A. Dollemore</i> CHECKED BY: <i>D. Henry</i>	

This log is a representation of subsurface conditions at the time and place of drilling. With the passage of time or at any other location, there may be consequential changes in conditions.

DEPTH (feet)	Samples	Sample ID	Time	Blow Counts (per 6 inches)	PID/LEL (ppm/%)	Geologic Description	Soil Class	Graphic Log	DEPTH (feet)	Well Diagram
						ASPHALTIC CONCRETE, 4 inches.				
						AGGREGATE BASE, 4 inches.				
						Gravelly SAND - fine- to coarse-grained brown [7 5yr 4/3] dense moist;	sp			
5									5	
						refusal at 7 feet Bottom at 7 feet				
10									10	

Remarks/Notes:

Log of Boring/Well GP-6

PROJECT: <i>Shell Service Station</i>	SURFACE ELEVATION: <i>Not Measured</i>	
LOCATION: <i>23387 PACIFIC COAST HWY MALIBU, CA</i>	TOTAL DEPTH: <i>15 feet</i>	BORING DIAMETER: <i>8 inches</i>
PROJECT NO.: <i>04 137</i>	DEPTH TO FIRST SATURATION: <i>12 feet</i>	
DATE BEGAN: <i>7/1/05</i>	FINISHED: <i>7/1/05</i>	TOP OF WELL CASING ELEVATION: <i>N/A</i>
DRILLING COMPANY: <i>BC2 Environmental Corp</i>	STATIC GW ELEVATION: <i>N/A</i>	DATE: <i>N/A</i>
DRILLING METHOD: <i>Hollow-Stem Auger (Limited Access Rig)</i>	LOGGED BY: <i>A. Dollemore</i> CHECKED BY: <i>D. Henry</i>	

This log is a representation of subsurface conditions at the time and place of drilling. With the passage of time or at any other location, there may be consequential changes in conditions

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Log of Boring/Well GP-7

PROJECT: <i>Shell Service Station</i>	SURFACE ELEVATION: <i>Not Measured</i>	
LOCATION: <i>23387 PACIFIC COAST HWY MALIBU, CA</i>	TOTAL DEPTH: <i>15 feet</i>	BORING DIAMETER: <i>8 inches</i>
PROJECT NO : <i>04.137</i>	DEPTH TO FIRST SATURATION: <i>12 feet</i>	
DATE BEGAN: <i>7/1/05</i> FINISHED: <i>7/1/05</i>	TOP OF WELL CASING ELEVATION: <i>N/A</i>	
DRILLING COMPANY: <i>BC2 Environmental Corp.</i>	STATIC GW ELEVATION: <i>N/A</i>	DATE: <i>N/A</i>
DRILLING METHOD: <i>Hollow-Stem Auger (Limited Access Rig)</i>	LOGGED BY: <i>A. Dollemore</i> CHECKED BY: <i>D. Henry</i>	

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DEPTH (feet)	Samples	Sample ID	Time	Blow Counts (per 6 inches)	PID/LEL (ppm/%)	Geologic Description	Soil Class	Graphic Log	DEPTH (feet)	Well Diagram
						CONCRETE, 6 inches				
						AGGREGATE BASE, 4 inches.				
						Silty Sandy GRAVEL - fine and coarse gravel in a fine- to coarse-grained, grayish brown [10yr 4/2] dense sand matrix; moist	gp			
5									5	
		GP-7d7	0900	10/13/17	8.3	SAND - fine-grained, very dark greenish gray [Gley <3/10y] dense, very moist;	sp			
		GP-7d10	0910	13/17/20	10.0					
10						fine- to medium-grained trace coarse gravel at 10 feet;			10	
						saturated at 12 feet				
		GP-7d15	0920	-	-	Sandy GRAVEL - fine and coarse gravel in a fine- to coarse-grained, black [Gley <2 5/11] dense sand matrix; saturated;	gp			
15						no Encore sample at 15 feet due to gravel Bottom at 15 feet			15	
20									20	

Remarks/Notes: